

In the claims:

Please amend the claims as indicated:

1. (Currently Amended) A component for an arrangement at an implant, comprising:

a basic component, including:

at least one sensor device detecting a measurement variable and generating measuring data for the detected measurement variable;

a telemetry device at least one of transmitting and receiving data;

a data transmission connection arranged in the basic component between the at least one sensor device and the telemetry device for the transmission of data therebetween, the data including the measuring data;

an assembly arrangement detachably mounting the basic component in an implant recess of the implant; and

a receiving chamber located within the basic component and configured to accommodate an active ingredient therein, the receiving chamber extending to an opening at a first end section of the basic component for discharging the active ingredient therefrom,

wherein the basic component is configured to be insertable through an implant recess of an implant positioned over a target portion of a bone so that the opening is seated over an outer periphery of the target portion of the bone.

2. (Previously Presented) The component according to claim 1, wherein the assembly arrangement includes an assembly section configured to be at least partially inserted into the implant recess.

3. (Previously Presented) The component according to claim 2, further comprising, in the zone of the assembly section, a threaded section configured to be screwed into the implant recess.

4. (Previously Presented) The component according to claim 1, wherein the basic component has in a longitudinal section an essentially T-shaped cross-section with a head part and a base part.

5. (Previously Presented) The component according to claim 4, wherein the at least one sensor device is arranged in the zone of the first end section of the basic component and the telemetry device is arranged in a zone of an oppositely located second end section of the basic component.

6. (Previously Presented) The component according to claim 4, wherein the telemetry device is arranged in the head part of the basic component.

7. (Canceled)

8. (Previously Presented) The component according to claim 1, further comprising:

a discharge device configured to control discharging of the active ingredient from the receiving chamber through the opening.

9. (Previously Presented) The component according to claim 8, wherein the discharge device includes a pump device pumping a volume of the active ingredient from the receiving chamber through the opening.

10. (Previously Presented) The component according to claim 9, wherein the discharge device includes an opening mechanism opening/closing the opening.

11. (Previously Presented) The component according to claim 10, wherein the discharge device is connected using a further data transmission connection to the telemetry device for the transmission of data.

12. (Previously Presented) The component according to claim 11, further comprising:

a control unit connected to the at least one sensor device and the discharge device to control (a) the detection of the measuring data using the at least one sensor device and (b) the discharge of the active ingredient using the discharge device.

13. (Currently Amended) The component according to claim 1, further comprising:

a supporting implant[[],].

14. (Canceled)

15. (Currently Amended) The component according to claim [[14]] 13, wherein the implant recess is a usable assembly recess configured to accommodate an implant fixation device.

16. (Currently Amended) The component according to claim 15, wherein the implant recess has [[a]] an internal thread section.

17. (Previously Presented) The component according to claim 13, wherein the supporting implant is one of a synthetic hip, a knee and a shoulder joint plate.

18-20. (Canceled)

21. (Previously Presented) The component according to claim 13, wherein the supporting implant is one of a plate and a splint formed of a material with a high degree of rigidity